



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/659,362 Confirmation No. 4847

Applicant : M. YAMAMOTO et al

Filed : September 11, 2003

Title : FAILURE INFORMATION MANAGEMENT METHOD AND
MANAGEMENT SERVER IN A NETWORK EQUIPPED
WITH A STORAGE DEVICE

TC/AU : 2113

Examiner : J.D. Manoskey **NO FEE REQUIRED**

Docket No. : 501.43042X00

Customer No.: 24956

Commissioner for Patents
Mail Stop DD
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (IDS)
UNDER § 1.97 AND § 1.98

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s)

consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed.

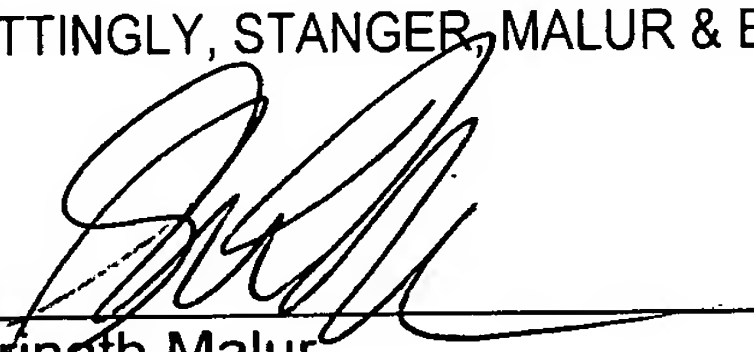
4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

5. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application. Discovery date December 16, 2005.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By 
Shrinath Malur
Reg. No. 34,663
(703) 684-1120

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501.43042X00SERIAL NO.
10/659,362**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
M. YAKAMOTO et alFILING DATE
September 11, 2003GROUP
2113**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	2003/ 0182422	09/25/03	Bradshaw et al			
	AB	2004/ 0221105	11/04/04	Fujimoto et al			
	AC	2004/ 0103244	05/27/04	Fujimoto et al			
	AD	2005/ 0055428	03/10/05	Terai et al			
	AE	2003/ 0179227	09/25/03	Ahmad et al			
	AF	2004/ 0054648	03/18/04	Mogi et al			
	AG	2003/ 0229645	12/11/03	Mogi et al			
	AH	2003/ 0191904	10/09/03	Iwami et al			
	AI	2003/ 0177168	09/18/03	Heitman et al			
	AJ	2003/ 0172239	09/11/03	Swank			
	AK	2003/ 0167327	09/04/03	Baldwin et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Vanel, L. et al, "AIX Logical Volume Manager, from A to Z: Introduction
		and Concepts", IBM, International Technical Support Organization, SG24-5432-00, pp. i-ii, 39, 40-42, 74, 124.
	AS	Hirao, T. et al, "Resource Management", FUJITSU Sci. Tech. J., Vol. 40,
		June 2004, pp. 123-132.

	AT	
--	----	--

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501.43042X00SERIAL NO.
10/659,362**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)

APPLICANT

M. YAKAMOTO et al

FILING DATE

September 11, 2003

GROUP

2113

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	2003/ 0154271	08/14/03	Baldwin et al			
	AB	2003/ 0154267	08/14/03	Camacho et al			
	AC	2003/ 0149795	08/07/03	Lamb et al			
	AD	2003/ 0149770	08/07/03	Delaire et al			
	AE	2003/ 0149769	08/07/03	Axberg et al			
	AF	2003/ 0179763	08/07/03	Heitman et al			
	AG	2003/ 0149762	08/07/03	Knight et al			
	AH	2003/ 0149761	08/07/03	Baldwin et al			
	AI	2003/ 0149753	08/07/03	Lamb			
	AJ	2003/ 0149752	08/07/03	Baldwin et al			
	AK	2003/ 0149695	08/07/03	Delaire et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

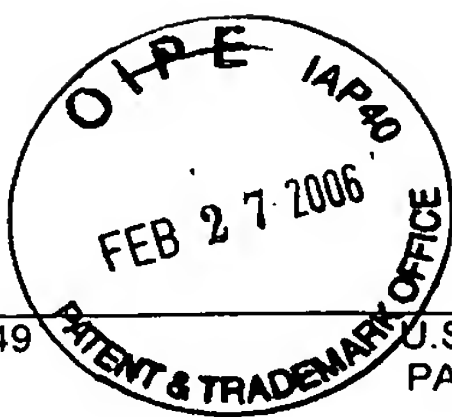
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501.43042X00SERIAL NO.
10/659,362**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
M. YAKAMOTO et alFILING DATE
September 11, 2003GROUP
2113**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	2003/ 0146929	08/07/03	Baldwin et al			
	AB	2003/ 0145041	07/31/03	Dunham et al			
	AC	2003/ 0093509	05/31/03	Li et al			
	AD	2003/ 0093567	05/15/03	Lolayekar et al			
	AE	6,952,698	10/04/05	Delaire et al			
	AF	6,920,494	07/19/05	Heitman et al			
	AG	6,892,264	05/10/05	Lamb			
	AH	6,854,035	02/08/05	Dunham et al			
	AI	6,697,924	02/24/04	Swank			
	AJ	2004/ 0068561	04/08/04	Yamamoto et al			
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED